

IN THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract by rewriting same to read as follows.

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A reception synchronization apparatus capable of achieving precise synchronization of an OFDM signal including a frame guard added to the OFDM signal includes a multiplier for calculating the correlation between a received OFDM signal and an OFDM signal delayed by a delay circuit; a moving integration circuit for adding a signal from the multiplier over a guard period; n frame guard removing circuits, which respectively receive a signal from the moving integration circuit, remove the frame guard period from the received signal, and output a resultant signal; n interval integrators for cumulatively adding signals outputted from the frame guard removing circuits; and a detection circuit for detecting a maximum peak from the results from the n interval integrators and generating a detection signal indicating a synchronization timing position corresponding to the detected maximum peak position.

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